



PATENT

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

APPLICANT(S): Yaochu Jin *et al.*  
APPLICATION NO.: 10/007,734  
FILING DATE: November 9, 2001  
TITLE: Approximate Fitness Functions  
EXAMINER: George B. Davis  
GROUP ART UNIT: 2121  
ATTY. DKT. NO.: 23077-06445

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: September 16, 2004

By:   
John T. McNelis, Reg. No.: 37,186

MAIL STOP AMENDMENT  
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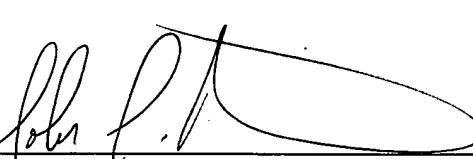
LETTER TO THE CHIEF DRAFTSPERSON

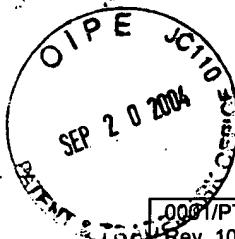
SIR:

Please substitute the enclosed two (2) sheets of formal drawings containing Figures 1 and 3 or the two (2) sheets of drawings containing Figures 1 and 3 previously submitted.

Respectfully submitted,  
Yaochu Jin *et al.*

Dated: September 16, 2004

By:   
John T. McNelis, Reg. No: 37,186  
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0001/PTO  
Rev. 10/95

U.S. Department of Commerce  
Patent and Trademark Office

## TRANSMITTAL FORM

(to be used for all correspondence during pendency of filed application)

Application Number	10/007,734		
Filing Date	November 9, 2001 RECEIVED		
First Named Inventor	Yaochu Jin SEP 22 2004		
Group Art Unit Number	2121 Technology Center		
Examiner Name	George B. Davis		
Total Number of Pages in This Submission	22	Attorney Docket Number	23077-06445

### ENCLOSURES (check all that apply)

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate)<br><input type="checkbox"/> Check Enclosed                                      | <input type="checkbox"/> Issue Fee Transmittal   |
| <input checked="" type="checkbox"/> Return Receipt Postcard   | <input checked="" type="checkbox"/> Letter to Chief Draftsperson   |
| <input type="checkbox"/> Response to Notice to File Missing Parts   | <input checked="" type="checkbox"/> Replacement Drawing(s):<br>[2] Sheet(s) of Figures 1 and 3   |
| <input type="checkbox"/> Assignment & Recordation Cover Sheet   | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  |
| <input type="checkbox"/> Declaration  | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)   |
| <input type="checkbox"/> Power of Attorney  | <input type="checkbox"/> Certified Copy of Priority Document(s)  |
| <input type="checkbox"/> Application Data Sheet   | <input type="checkbox"/> After Allowance Communication to Group  |
| <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A<br><input type="checkbox"/> Copies of IDS Cited References                       | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |
| <input type="checkbox"/> Request for Corrected Filing Receipt   |  |
| <input type="checkbox"/> Request for Correction of Recorded Assignment  |  |
| <input checked="" type="checkbox"/> Response and Amendment A: 16 Pages including 2 Annotated Marked-Up Drawings<br><input type="checkbox"/> After Final |  |
| <input type="checkbox"/> Status Request   |  |
| <input type="checkbox"/> Revocation and Substitute Power of Attorney  |  |

### REMARKS:

### SIGNATURE OF ATTORNEY OR AGENT

Signature:			
Attorney/Reg. No.:	John T. McNelis, Reg. No. 37,186	Dated:	September 16, 2004

### CERTIFICATE OF MAILING

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Signature:			
Typed or Printed Name:	John T. McNelis	Dated:	September 16, 2004
Express Mail Mailing Number (optional):			



# FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **( \$(0)**

Complete if Known	
Application Number	10/007,734
Filing Date	November 9, 2001
First Named Inventor	Yaochu Jin
Examiner Name	George B. Davis
Art Unit	2121
Attorney Docket No.	23077-06445 Technology Center 2100

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number

19-2555

Deposit Account Name

Fenwick & West LLP

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>\$(0)</b>			

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	11 -20** = 0	x 18	= 0
Multiple Dependent	1 -3** = 0	x 88	= 0

Large Entity		Small Entity		Fee Description
Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>\$(0)</b>		

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description
Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	420	2252	210	Extension for reply within second month
1253	950	2253	475	Extension for reply within third month
1254	1,480	2254	740	Extension for reply within fourth month
1255	2,010	2255	1,005	Extension for reply within fifth month
1401	330	2401	165	Notice of Appeal
1402	330	2402	165	Filing a brief in support of an appeal
1403	290	2403	145	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,330	2453	665	Petition to revive - unintentional
1501	1,330	2501	665	Utility issue fee (or reissue)
1502	480	2502	240	Design issue fee
1503	640	2503	320	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))
1801	770	2801	385	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify) _____				
<b>SUBTOTAL (3)</b>		<b>\$(0)</b>		

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	John T. McNelis	Registration No. (Attorney/Agent)	37,186	Telephone (650) 335-7133
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Signature

Date

September 16, 2004